

Angela McElheron

Programmer Analyst

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Career Summary

Results-driven Programmer Analyst with extensive experience in designing, developing, and maintaining software applications to support business operations. Proficient in analyzing system requirements, optimizing performance, and collaborating with stakeholders to deliver reliable technical solutions.

Experience

Employment and Social Development Canada • July 2011 – Present

Programmer Analyst • October 2015 – Present

- Redesigned and updated a legacy .NET framework application using C#/MVC and .NET, and applied the Web Experiment Toolkit (WET) to ensure accessibility compliance.
- Analyzed data, identified possible solutions, and made recommendations to management on best method to solve problems.
- Collaborated with designers and backend developers to implement user-friendly UI components.
- Mentored junior developers through demos, code reviews, and technical guidance.
- Supported onboarding of new team members by providing documentation and guidance.
- Ensured best practices for coding and accessibility.

Team Leader (Acting) • Four 4-month terms (16 months total) between 2019 – 2024

- Managed a team of 6 to 11 web developers, coordinating tasks, timelines, and deliverables.
- Managed tasks and workflow for multiple projects with tight deadlines.
- Provided technical guidance and code reviews to maintain quality, performance, and best practices.
- Lead daily stand up meetings to ensure consistent progress and team alignment.
- Acted as primary point of contact between developers, product managers, and stakeholders.

Programmer • July 2011 – October 2015

- Participated in converting a VB6 application to a VB.NET 4 application, with the purpose of making it WCAG 2.0 compliant.
- Updated .NET modules to incorporate new business requirements and to replace Corporate Management System (CMS) with SAP.
- Updated technical documentation.

Education

University of Ottawa, Ottawa, Ontario

Bachelor of Science, Honours with Specialization in Computer Science • December 2011

- Won the Cognos Prize for top honours project in the Fall 2011 semester

Heritage College, Gatineau, Québec

Science Diploma • May 2007

- Graduated with distinction

D'Arcy McGee High School, Gatineau, Québec

High School Diploma • June 2005

- Graduated with honours

Skills

Programming Languages

Visual Basic, C#, C++, Java, Prolog, Scheme, Python

Web Development

HTML/CSS, XML, Javascript, jQuery, Markdown

Databases

Oracle

Frameworks

.NET, .NET Framework

Software and Tools

Visual Studio, SQL Developer, Git, Web Experience Toolkit (WET), WCF

Platforms

Azure

Soft skills

English language (Native), French language (Professional working proficiency), Ability to work under pressure, Excellent attention to detail, Customer service

Recognition

Deputy Ministers' Award of Excellence (2024)

Indigenous Skills and Employment Training Program (ISET) Systems Alignment Project Team • Employment and Social Development Canada

Recognized for web development contributions supporting systems alignment, data integration, and improved service delivery for the ISET programs.